

Electronic Filing System (EFS) Data
Electronic Patent Application Submission
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EFS ID: 17450
Application ID: 10064899
Title of Invention: R-Peak Detection Corrections For
Improved Cardiac Gated
Reconstruction
First Named Inventor: Tinsu Pan
Domestic/Foreign Application: Domestic Application
Filing Date: null
Effective Receipt Date: 2002-08-27
Submission Type: Utility Patent Filing
Filing Type: new-utility
Confirmation Number: 0
Attorney Docket Number: 390086.95231
Digital Certificate Holder: cn=Adam J Forman, ou=Registered Attorneys, ou=Patent and
Trademark Office, ou=Department of Commerce, o=U.S.
Government, c=US
Certificate Message Digest: nedPISCxDdadqTLnEDIUXQ==
Total Fees Authorized: \$852.0
Payment Category: DA - Deposit Account
Deposit Account Number: 170055
Deposit Account Name: Adam J. Forman





TRANSMITTAL FORM

Electronic Version 1.0.3

Stylesheet Version: 1.0

Submission Type: Utility
Patent Filing

Attorney Docket
Number:

390086.95231

R-Peak Detection Corrections For Improved Cardiac Gated Reconstruction

First Named Inventor: Mr. Tinsu Pan

SUBMITTED BY

| | |
|----------------------------------------------|-----------------------|
| Name: | Mr. Adam J. Forman |
| Registration Number: | 46707 |
| Electronic Signature Mark: Adam J. Forman | Date Signed: 20020827 |

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I, the undersigned, certify that I have viewed a display of document(s) being electronically submitted to the United States Patent and Trademark Office, using either the USPTO provided style sheet or software, and that this is the document(s) I intend for initiation or further prosecution of a patent application noted in the submission. This document(s) will become part of the official electronic record at the USPTO.

Attached Files:

| | |
|--------------------|----------------|
| declaration | Dec1.tif |
| declaration | Dec2.tif |
| declaration | Dec3.tif |
| patent-assignments | Epave3asgn.xml |

fee-transmittal
specification
bibd-transmittal

Epave3fee.xml
Spec92531.xml
Epave3apds.xml

Attached Image File(s):

Dec1.tif
Dec2.tif
Dec3.tif

Comments:

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**DECLARATION FOR UTILITY OR
DESIGN
PATENT APPLICATION
(37 CFR 1.63)**

☒ Declaration Submitted with Initial Filing OR ☐ Declaration Submitted after Initial Filing (surcharge (37 CFR 1.16 (e)) required)

Attorney Docket Number 390086.95231

First Named Inventor Darin Okerlund

COMPLETE IF KNOWN

Application Number

Filing Date

Herewith

Group Art Unit

Examiner Name

As a below named inventor, I hereby declare that:

My residence, mailing address, and citizenship are as stated below next to my name

I believe I am the original and first inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled:

R-Peak Detection Corrections For Improved Cardiac Gated Reconstruction

(Title of the Invention)

the specification of which

☒ is attached hereto

OR

☐ was filed on (MM/DD/YYYY)

as United States Application Number or PCT International

Application Number

and was amended on (MM/DD/YYYY)

(if applicable)

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or (f), or 365(b) of any foreign application(s) for patent, inventor's or plant breeder's rights certificate(s), or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent, inventor's or plant breeder's rights certificate(s), or any PCT international application having a filing date before that of the application on which priority is claimed.

| Prior Foreign Application Number(s) | Country | Foreign Filing Date (MM/DD/YYYY) | Priority Not Claimed | Certified Copy Attached? | |
|-------------------------------------|---------|----------------------------------|--------------------------|--------------------------|--------------------------|
| | | | | YES | NO |
| | | | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| | | | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| | | | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| | | | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

☐ Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto:

[Page 1 of 2]

Burden Hour Statement: This form is estimated to take 21 minutes to complete. Time will vary depending upon the needs of the individual case. Any comments or suggestions for improvement should be directed to the Office of Management and Enterprise Services, Patent and Trademark Office, U.S. Department of Commerce.

DECLARATION — Utility or Design Patent ApplicationDirect all correspondence to: ☒ Customer Number or Bar Code Label  OR ☒ Correspondence address below

Name Michael A. Jaskolski

28382

PATENT-TRADEMARK OFFICE

Address Quarles & Brady, LLP

Address 411 East Wisconsin Avenue

City Milwaukee

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ZIP 53202

Country USA

Telephone 414.277.5711

Fax 414.271.3552

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon

NAME OF SOLE OR FIRST INVENTOR :

☐ A petition has been filed for this unsigned inventionGiven Name Darin
(first and middle [if any])Family Name Okerlund
or SurnameInventor's
Signature 

Date 3/1/02

Residence: City Muskego

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Citizenship USA

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State WI

ZIP 53150

Country USA

NAME OF SECOND INVENTOR:

☐ A petition has been filed for this unsigned inventionGiven Name Tinsu
(first and middle [if any])Family Name Pan
or SurnameInventor's
Signature 

Date 3/1/02

Residence: City Brookfield

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Country USA

Citizenship US

Mailing Address 2710 Fieldside Court

Mailing Address

City Brookfield

State WI

ZIP 53005

Country US

☒ Additional inventors are being named on the 1 supplemental Additional Inventor(s) sheet(s) PTO/SB/02A attached hereto.

Please type a plus sign (+) inside this box → ☐

PTO/SB/02A (11-01)
Approved for use through 10/31/2002 OMB 0651-003
U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE

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| DECLARATION | | ADDITIONAL INVENTOR(S) Supplemental Sheet Page <u>3</u> of <u>3</u> | |
|---------------------------------------------------|----------|----------------------------------------------------------------------------------|-------------------|
| Name of Additional Joint Inventor, if any: | | <input type="checkbox"/> A petition has been filed for this unsigned inventor | |
| Given Name (first and middle (if any)) | | Family Name or Surname | |
| Mark E. | | Woodford | |
| Inventor's Signature <i>Mark E Woodford</i> | | Date <i>3/1/2002</i> | |
| Residence: City Waukesha | State WI | Country USA | Citizenship US |
| Mailing Address 709 Larchmont Drive | | | |
| Mailing Address | | | |
| City Waukesha | State WI | ZIP 53186 | Country US |
| Name of Additional Joint Inventor, if any: | | <input type="checkbox"/> A petition has been filed for this unsigned inventor | |
| Given Name (first and middle (if any)) | | Family Name or Surname | |
| Kishore C. | | Acharya | |
| Inventor's Signature <i>Kishore C Acharya</i> | | Date <i>3/1/2002</i> | |
| Residence: City Brookfield | State WI | Country USA | Citizenship India |
| Mailing Address 1325 Ridgeway Road | | | |
| Mailing Address | | | |
| City Brookfield | State WI | ZIP 53045 | Country US |
| Name of Additional Joint Inventor, if any: | | <input type="checkbox"/> A petition has been filed for this unsigned inventor | |
| Given Name (first and middle (if any)) | | Family Name or Surname | |
| | | | |
| Inventor's Signature | | Date | |
| Residence: City | State | Country | Citizenship |
| Mailing Address | | | |
| Mailing Address | | | |
| City | State | ZIP | Country |

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FEE TRANSMITTAL

Electronic Version 1.1.0

Stylesheet Version: 1.0

Patent fees are subject to annual revisions on or about October 1st of each year.

Large Entity

TOTAL FEES AUTHORIZED: \$ 852

The commissioner is hereby authorized to charge indicated processing and/or publication fees and credit any overpayments to:

Deposit Account Number: 17-0055



Deposit Account Name: Quarles & Brady LLP

Charge Any Additional Fee Required Under 37 C.F.R. Sections 1.16 and 1.17.

SUBMITTED BY

Authorized Name: Adam J. Forman

Electronic Signature Mark: Adam J. Forman

Date Signed: 20020827

BASIC FILING FEE

| Fee Description | Fee Code | Fee Paid |
|--------------------|----------|----------|
| Utility Filing Fee | 101 | \$ 740 |

Subtotal For Basic Filing Fee: \$ 740

EXTRA CLAIM FEES

| | Fee Code | Fee | Extra Claims | Fee Paid |
|-----------------------|----------|-------|--------------|----------|
| Total Claims: 24 | 103 | \$ 18 | 4 | \$ 72 |
| Independent Claims: 3 | 102 | \$ 84 | 0 | \$ 0 |

Subtotal For Extra Claims Fees: \$ 72

ADDITIONAL FEES

| Fee Description | Number | Quantity | Fee Code | Amount | Fee Paid |
|---------------------------------------------------|----------|----------|----------|--------|----------|
| Recording Each Patent Assignment Per Property Fee | 00000000 | 1 | 581 | \$ 40 | \$ 40 |

Subtotal For Additional Fees: \$ 40